



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/876,916	06/08/2001	Adam Roach	040020-275	1115

27045 7590 12/21/2004

ERICSSON INC.  
6300 LEGACY DRIVE  
M/S EVR C11  
PLANO, TX 75024

EXAMINER

BOUTAH, ALINA A

ART UNIT PAPER NUMBER

2143

DATE MAILED: 12/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

### Application No.

09/876,916

### Applicant(s)

ROACH, ADAM

### Examiner

Alina N Boutah

### Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 08 June 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-27 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 June 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 112***

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 6 and 15 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter, which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. The specification does not disclose the use of a HTTP HEAD command as specified in the claims.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 7-9, 10, 16-20, 22-24 and 26-27 are rejected under 35 U.S.C. 102(b) as being anticipated by Applicant's admitted prior art (hereinafter referred to as AAPR).

Art Unit: 2143

Regarding claim 1, AAPR teaches a method of updating a user's service profile information in a home domain of a packet data network using Session Initiation Protocol (SIP), said method comprising the steps of:

updating an established user's service profile record in a call instance host associated with a user's terminal by retrieving the user's service profile information from a home subscriber server (HSS) of the home domain [specification, 0056], said updating initiated by a REGISTER message, which contains sufficient information to identify the user's service profile, sent by a node in the system aware of a user profile change to the associated call instance host [specification TABLE 1 in 0011].

Regarding claim 7, AAPR teaches the method of claim 1, wherein the node in the system aware of the user profile change is one of the HSS or an operation and maintenance system in the network [specification, 0064].

Regarding claim 8, AAPR teaches the method of claim 1, including the preliminary steps of: registering the HSS of the home domain on an associated interrogating gateway; querying the HSS by the associated interrogating gateway to determine the call instance host associated with the user; and redirecting the associated interrogating gateway to the associated call instance host according to a response to the query [specification, 0056].

Art Unit: 2143

Regarding claim 9, AAPR teaches the method of claim 8, wherein the step of querying the HSS by the associated interrogating gateway includes the step of sending an SIP message by the HSS to the interrogating gateway, said message including a Service-Transfer-Location header indicating in which domain a service is to be executed and a Contact header indicating the call instance host [specification, 0056].

Claims 10, 19 and 23 are similar to claim 1, therefore are rejected under the same rationale.

Claims 16, 20 and 24 are similar to claim 7, therefore are rejected under the same rationale.

Claims 17, 22 and 26 are similar to claim 8, therefore are rejected under the same rationale.

Claims 18 and 27 are similar to claim 9, therefore are rejected under the same rationale.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person

Art Unit: 2143

having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 2, 5, 6, 11, 14, 21 and 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Applicant's admitted prior art (hereinafter referred to as AAPR) in view of US 2003/0147380 submitted by Hakuli.

Regarding claim 2, AAPR fails to teach the method of claim 1, wherein the call instance host's retrieval of the user's service profile includes the steps of: issuing a HTTP message to the HSS by the associated call instance host; and receiving in response to the HTTP message, at the call instance host from the HSS, the user's service profile information in a response message.

AAPR however discloses similar steps using SIP [0056], and SIP being patterned many ways after HTTP [0009]. Hakuli teaches issuing a HTTP message to the HSS and receiving the user's profile information (figure 11). At the time the invention was made, one of ordinary skill in the art would have been motivated to utilize HTTP message to retrieve user's profile because HTTP is a generic protocol that allows communication between clients and hosts, therefore allows basic access to resources available from diverse applications.

Regarding claim 5, AAPR teaches the method of claim 2, wherein the response message is in an executable code format [0056].

Regarding claim 6, although neither AAPR nor Hakuli explicitly disclose the method of claim 2, wherein the HTTP message includes one of a HTTP GET command or a HTTP HEAD

Art Unit: 2143

command, it is well known in the art that in order to retrieve information using this protocol, the HTTP message must include HTTP GET command.

Claims 11, 21 and 25 are similar to claim 2 therefore are rejected under the same rationale.

Claim 14 is similar to claim 5, therefore is rejected under the same rationale.

Claim 15 is similar to claim 6, therefore is rejected under the same rationale.

Claims 3 and 4 are rejected under 35 U.S.C. 103(a) as being unpatentable over AAPR in view of Hakuli in further view of USPN 6,529,941 issued to Haley et al. (hereinafter referred to as Haley).

Regarding claim 3, neither AAPR nor Hakuli explicitly teach the method of claim 2, wherein the response message is in an XML DTD service-oriented profile. Haley teaches response messages being in an XML DTD form (col. 4, lines 3-9; col. 8, lines 34-47; col. 10, lines 48-54; col. 11, lines 20-22). At the time the invention was made, one of ordinary skill in the

Art Unit: 2143

art would have been motivated to employ an XML DTD service-oriented profile because it allows the host to validate the response message, therefore ensuring communication security.

Regarding claim 4, neither AAPR nor Hakuli explicitly teach the method of claim 2, wherein the response message is in an XML DTD trigger-oriented profile. Haley teaches response messages being in an XML DTD form (col. 4, lines 3-9; col. 8, lines 34-47; col. 10, lines 48-54; col. 11, lines 20-22). At the time the invention was made, one of ordinary skill in the art would have been motivated to employ an XML DTD service-oriented profile because it allows the host to validate the response message, therefore ensuring communication security.

Claim 12 is similar to claim 3, therefore is rejected under the same rationale.

Claim 13 is similar to claim 4, therefore is rejected under the same rationale.

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

1. USPN 6,763,233 issued to Bharatia.
2. USPN 6,725,036 issued to Faccin et al.
3. USPN 6,625,141 issued to Glitho et al.



Art Unit: 2143

4. US 2001/0031635 submitted by Bharatia.
5. US 2001/0043577 submitted by Barany et al.
6. US 2001/0049790 submitted by Faccin et al.

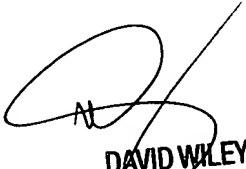
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alina N Boutah whose telephone number is 571-272-3908. The examiner can normally be reached on Monday-Thursday (9:00 am - 7:00 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*ANB*

ANB

  
DAVID WILEY  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100